

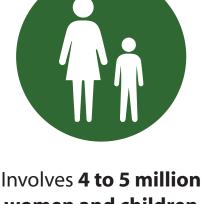
REDUCING MERCURY USE IN ARTISANAL SMALL-SCAL

ARTISANAL AND SMALL-SCALE GOLD MINING



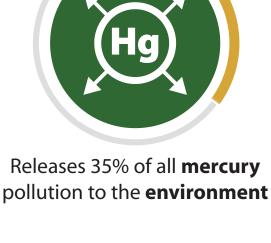
20% of world's gold





women and children







WHY IS IT HARD TO FORMALIZE THE SECTOR?







Little or no enforcement of legislation because of

Governments' lack of capacity







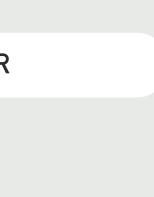
sector as high risk

Investors view the

miners' unique needs







Difficult to put in place due diligence across the







Widely available



to the miners - miners then sell the gold back to the traders

Gold traders supply mercury

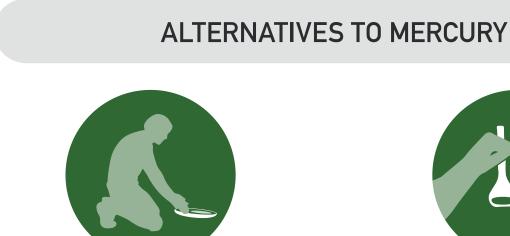




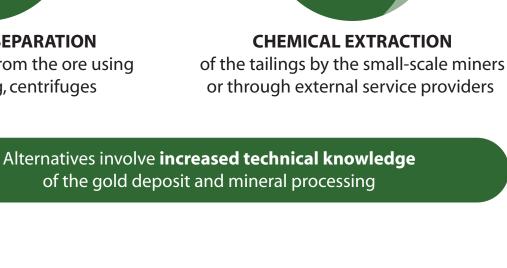
GRAVIMETRIC SEPARATION separating the gold from the ore using

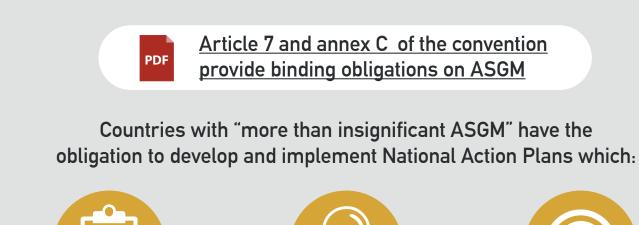
HOW THE MINAMATA CONVENTION SAFEGUARDS

ARTISANAL SMALL-SCALE GOLD MINING SECTOR (ASGM)



panning, sluicing, centrifuges





Establish **strategy for**



Whole ore

amalgamation

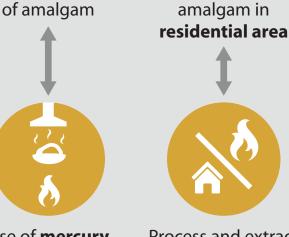
concentrate

ore

Establish **inventory**

of the sector

Mill and



Open burning

Use of **mercury** vapour tools



Set targets for reducing

No cyanide after mercury

has been used

Process and extract **Ensure** mercury in designated work is removed before

No burning of



HOW WILL GEF GLOBAL OPPORTUNITIES

FOR LONG-TERM DEVELOPMENT (GEF GOLD)

TRANSFORM ARTISANAL SMALL-SCALE GOLD MINING



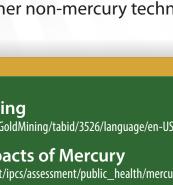






Reducing Mercury in Artisanal and Small-Scale Gold Mining http://www.unep.org/chemicals and was te/Mercury/Global Mercury Partnership/Artisanal and Small Scale Gold Mining/tabid/3526/language/en-US/Default.aspx**Minamata Convention on Mercury Health Impacts of Mercury** http://www.who.int/ipcs/assessment/public_health/mercury/en/ http://www.mercuryconvention.org/





Provide mining communities with

direct access to international gold markets and/or remove

barriers across the value chains

